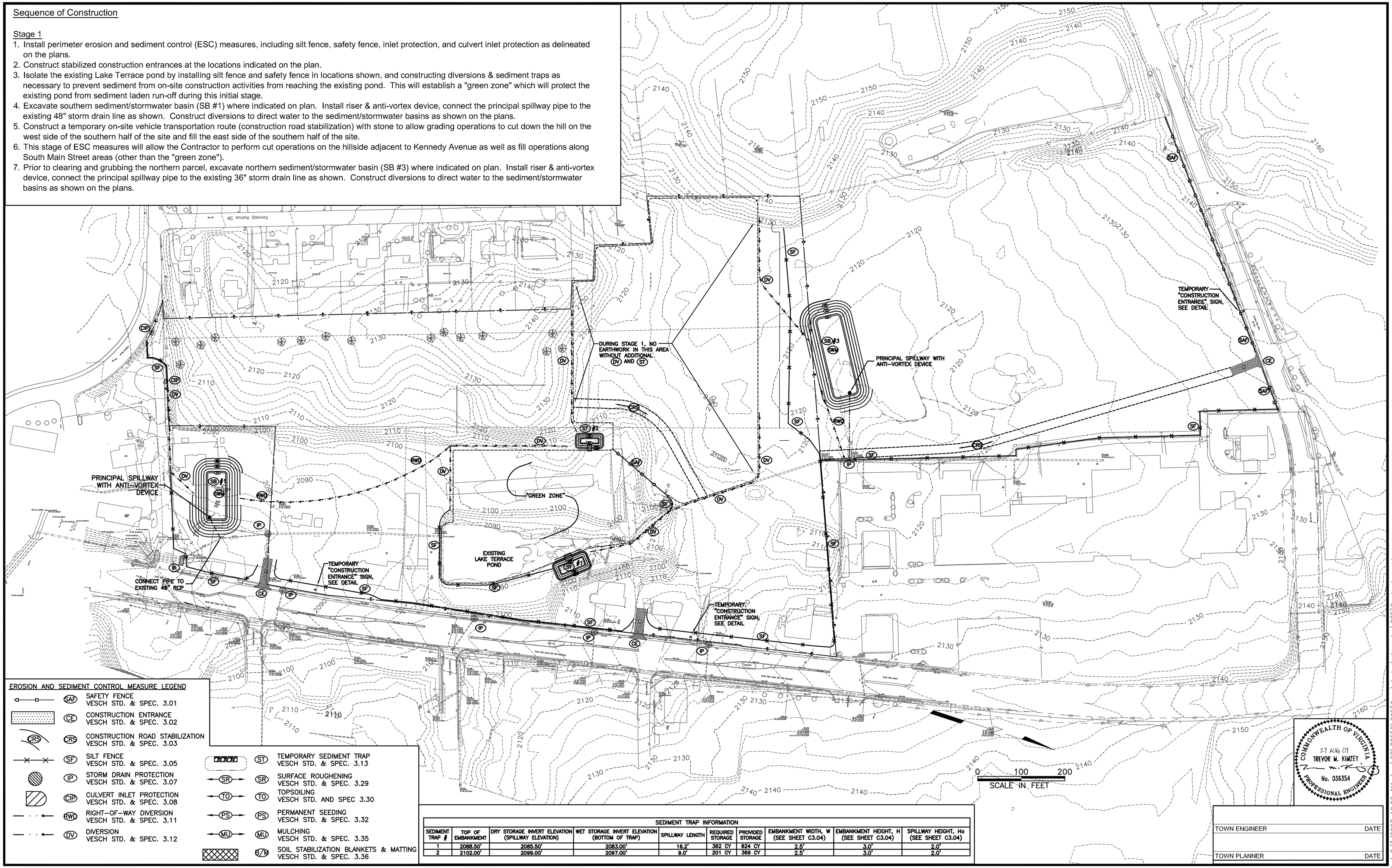
Sequence of Construction

Stage 1

1. Install perimeter erosion and sediment control (ESC) measures, including silt fence, safety fence, inlet protection, and culvert inlet protection as delineated on the plans.
2. Construct stabilized construction entrances at the locations indicated on the plan.
3. Isolate the existing Lake Terrace pond by installing silt fence and safety fence in locations shown, and constructing diversions & sediment traps as necessary to prevent sediment from on-site construction activities from reaching the existing pond. This will establish a "green zone" which will protect the existing pond from sediment laden run-off during this initial stage.
4. Excavate southern sediment/stormwater basin (SB #1) where indicated on plan. Install riser & anti-vortex device, connect the principal spillway pipe to the existing 48" storm drain line as shown. Construct diversions to direct water to the sediment/stormwater basins as shown on the plans.
5. Construct a temporary on-site vehicle transportation route (construction road stabilization) with stone to allow grading operations to cut down the hill on the west side of the southern half of the site and fill the east side of the southern half of the site.
6. This stage of ESC measures will allow the Contractor to perform cut operations on the hillside adjacent to Kennedy Avenue as well as fill operations along South Main Street areas (other than the "green zone").
7. Prior to clearing and grubbing the northern parcel, excavate northern sediment/stormwater basin (SB #3) where indicated on plan. Install riser & anti-vortex device, connect the principal spillway pipe to the existing 36" storm drain line as shown. Construct diversions to direct water to the sediment/stormwater basins as shown on the plans.



EROSION AND SEDIMENT CONTROL MEASURE LEGEND

SAP	SAFETY FENCE	VESCH STD. & SPEC. 3.01
CE	CONSTRUCTION ENTRANCE	VESCH STD. & SPEC. 3.02
CRS	CONSTRUCTION ROAD STABILIZATION	VESCH STD. & SPEC. 3.03
SF	SILT FENCE	VESCH STD. & SPEC. 3.05
IP	STORM DRAIN PROTECTION	VESCH STD. & SPEC. 3.07
CIP	CULVERT INLET PROTECTION	VESCH STD. & SPEC. 3.08
RWD	RIGHT-OF-WAY DIVERSION	VESCH STD. & SPEC. 3.11
DV	DIVERSION	VESCH STD. & SPEC. 3.12
ST	TEMPORARY SEDIMENT TRAP	VESCH STD. & SPEC. 3.13
SR	SURFACE ROUGHENING	VESCH STD. & SPEC. 3.29
TO	TOPSOILING	VESCH STD. AND SPEC 3.30
PS	PERMANENT SEEDING	VESCH STD. & SPEC. 3.32
MU	MULCHING	VESCH STD. & SPEC. 3.35
S/M	SOIL STABILIZATION BLANKETS & MATTING	VESCH STD. & SPEC. 3.36

SEDIMENT TRAP INFORMATION

SEDIMENT TRAP #	TOP OF EMBANKMENT	DRY STORAGE INVERT ELEVATION (SPILLWAY ELEVATION)	WET STORAGE INVERT ELEVATION (BOTTOM OF TRAP)	SPILLWAY LENGTH	REQUIRED STORAGE	PROVIDED STORAGE	EMBANKMENT WIDTH, W (SEE SHEET C3.04)	EMBANKMENT HEIGHT, H (SEE SHEET C3.04)	SPILLWAY HEIGHT, Ho (SEE SHEET C3.04)
1	2088.50'	2085.50'	2083.00'	16.2'	362 CY	624 CY	2.5'	3.0'	2.0'
2	2102.00'	2099.00'	2097.00'	9.0'	201 CY	369 CY	2.5'	3.0'	2.0'

COMMONWEALTH OF VIRGINIA
27 AUG 07
TREVOR W. KIMZEY
No. 036354
PROFESSIONAL ENGINEER

TOWN ENGINEER DATE

TOWN PLANNER DATE

ANDERSON & ASSOCIATES, INC.
Professional Design Services
www.andassoc.com
Virginia - North Carolina - Tennessee
100 Ardmore St.
Blacksburg, Va. 24060
540-552-5592

DATE : 27 AUG 07
DESIGNED: RJH, LBL
DRAWN : MSM, LBL
CHECKED : TMK
QA / QC : MTC

REV. #	COMMENTS	DATE
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FIRST & MAIN
PHASE 1
BLACKSBURG, VIRGINIA

EROSION & SEDIMENT CONTROL PLAN
STAGE 1

DOCUMENT NO.
22559 – 310
SHEET
C3.01